ABSTRACT

Electronic information management includes techniques for developing and applying database security. In certain implementations, database access statements issued for applications in use are analyzed. Analyzing issued database access statements may include

5   capturing the database access statements, normalizing the database access statements, and eliminating redundancies from the database access statements. A standardized set of issued database access statements may result from the analysis procedure. From the analyzed database access statements, the items accessed and types of access may be determined for an application, and a set of permissions may be determined from the determined items accessed

10   and types of access for the application. A role associated with the application may be developed based on the permissions for the application. The role may be used to allow a user database access when associated with the application.

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